

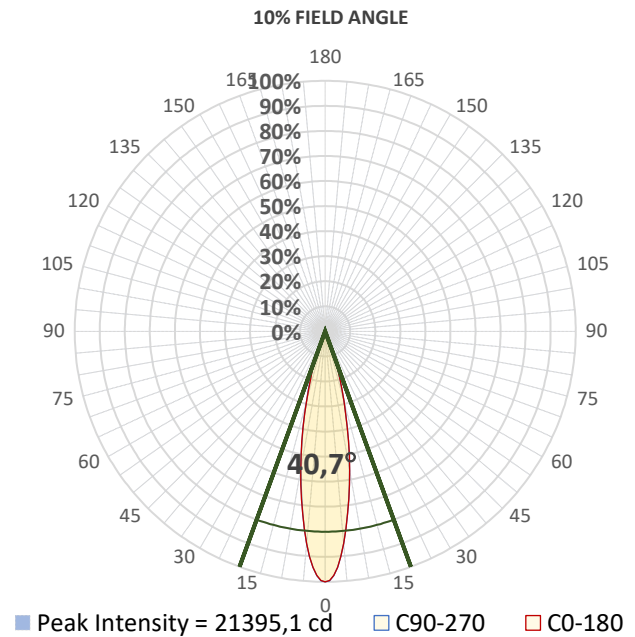
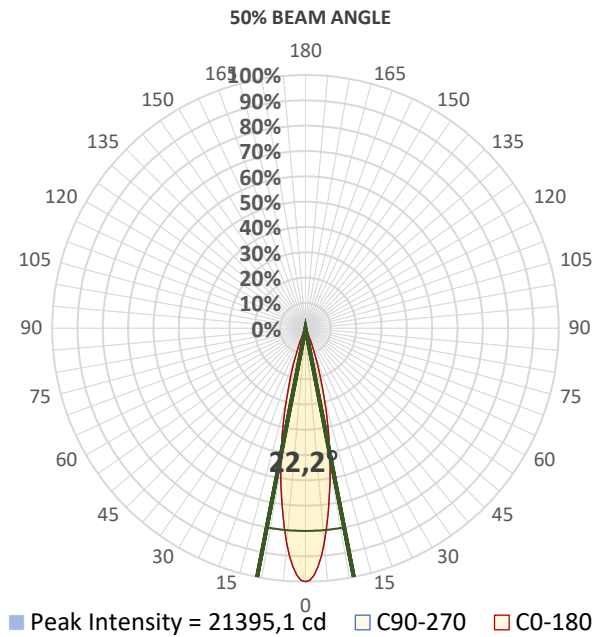
Report Summary



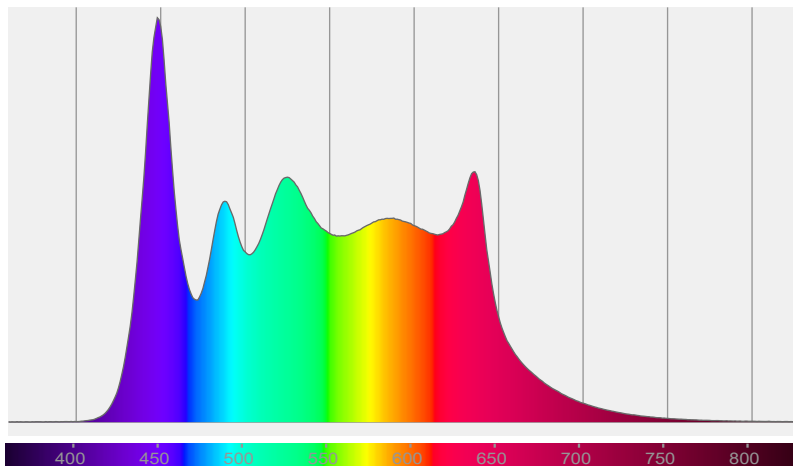
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 4017 lm / 21442 cd	Beam Angle (50%): 22,2°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 41 lm/W	Field Angle (10%): 40,7°	Power: 98,1 W
Intensity @ 5m: 856 lx	Cutoff Angle (2,5%): 49,7°	Current: 0,510 A
Color Temperature: 5732 K		Power Factor: 0,86
CRI: 96,9		
CRI R9 Value: 81,2		
CQS: 95,6		
TLCI: 95		
TM-30 Rf: 94,3		
TM-30 Rg: 101,2		

Details



Spectral Distribution



CIE 1931

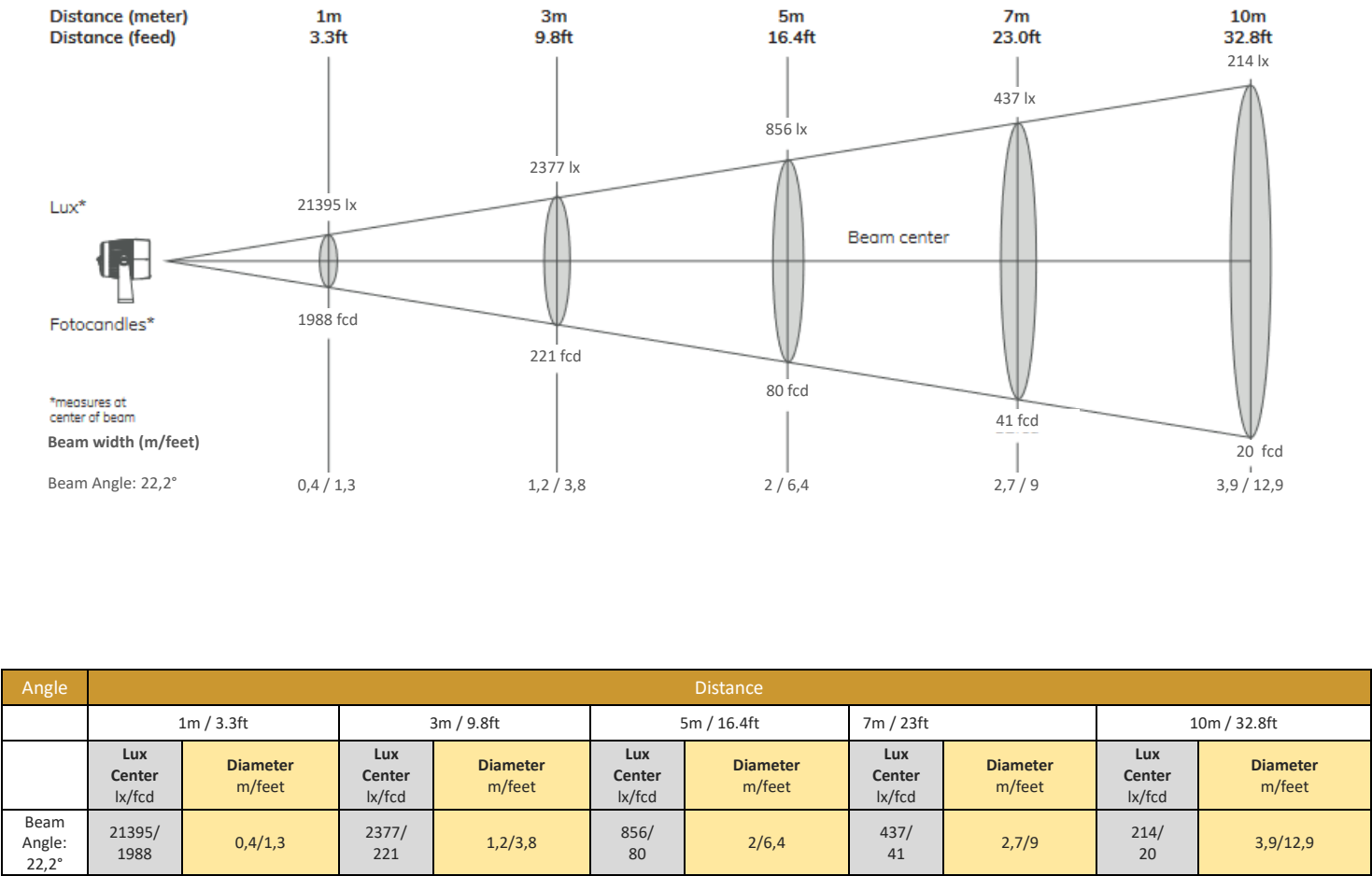
x: 0,327 y: 0,340

Light Quality

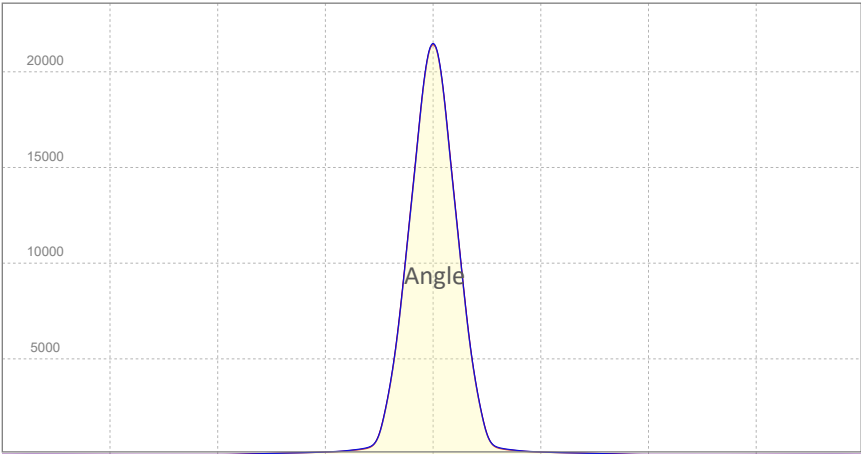
CRI: 96,9

Color Temperature

5732 K



Candela (cd)



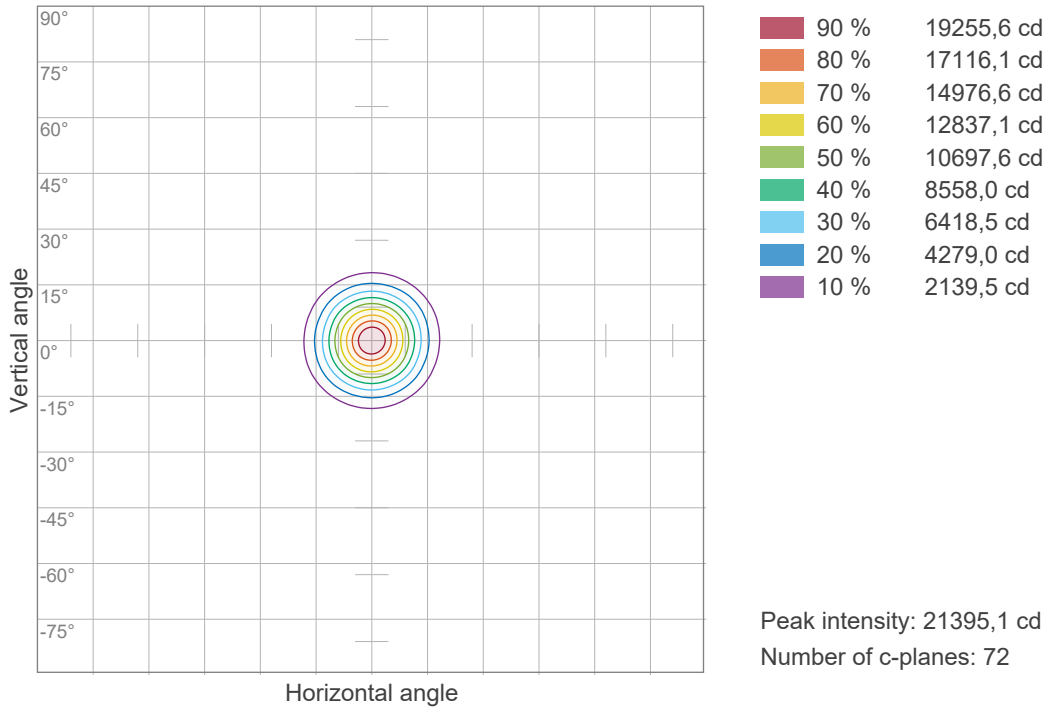
Candela Plot

Vertical Distribution

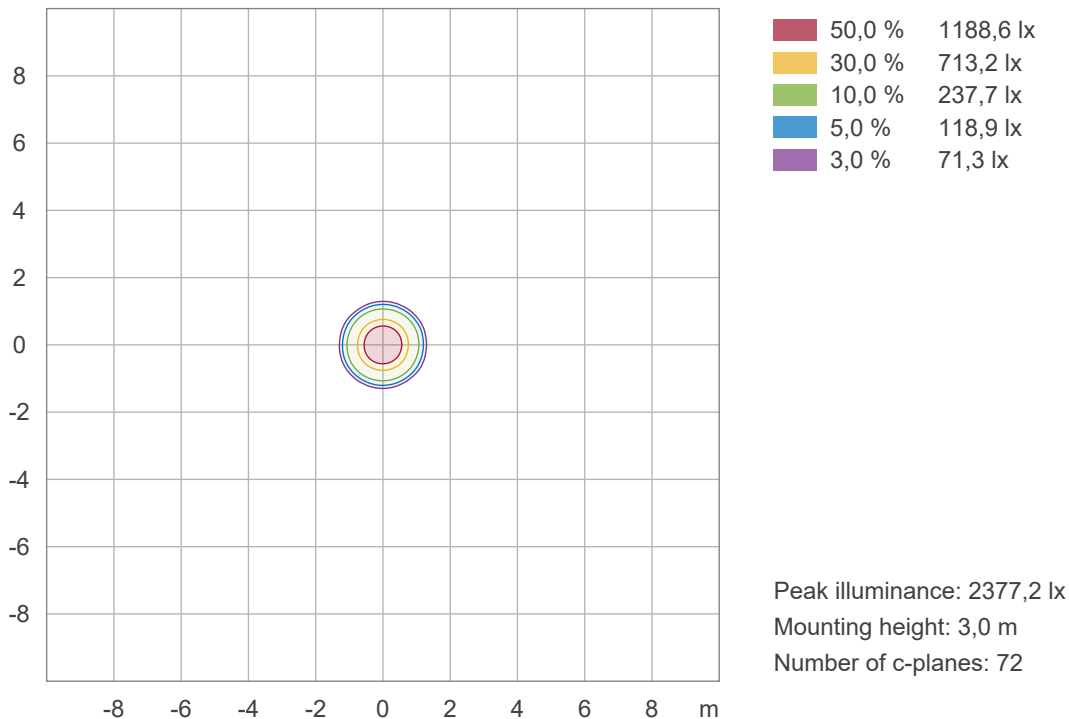
Horizontal Distribution

ISO Diagrams

ISO Candela Diagram

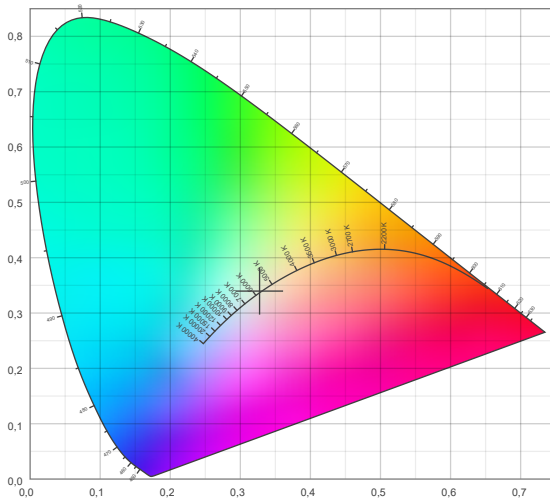


ISO Lux Diagram

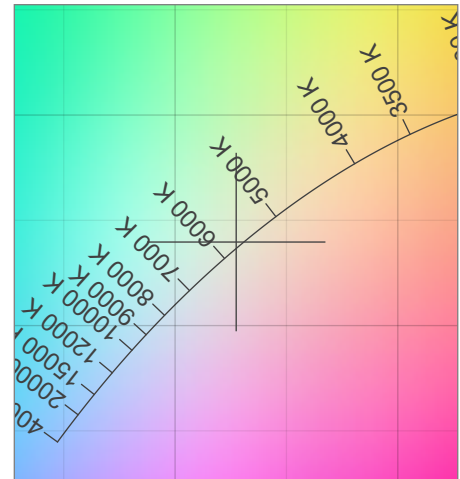


Chromaticity

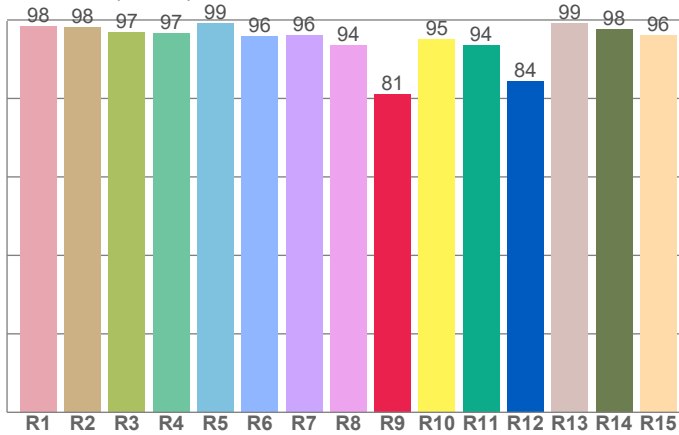
CIE 1931



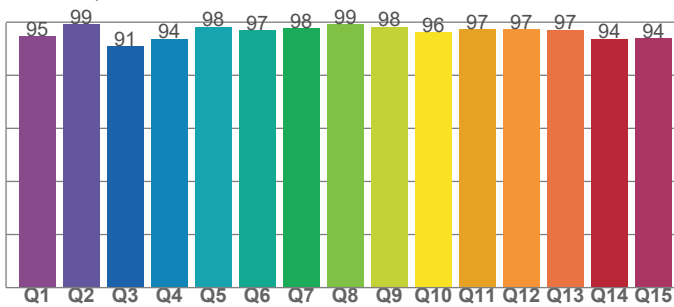
CIE 1931 - Zoom



CRI: 96,9 (R1-R8)



CQS: 95,6



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5732K	0,327	0,340

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0017	0,204	0,317

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
96,9	81,2	95,6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
95	94,3	101,2

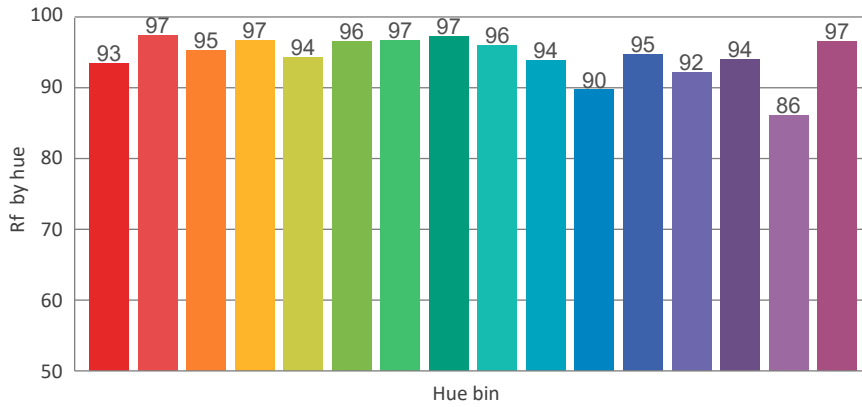
TM30 Details

Rf 94,3

Fidelity Index Rf

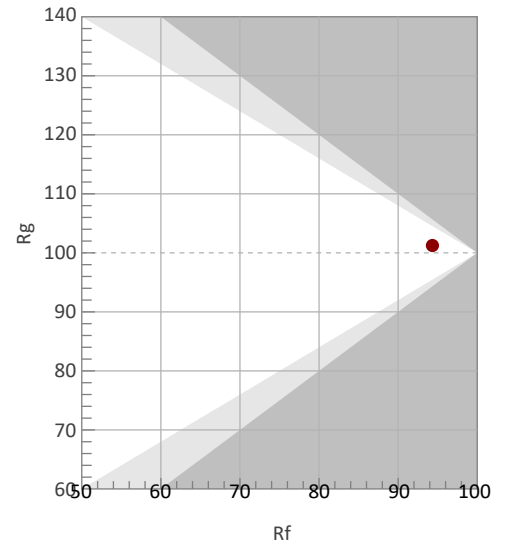
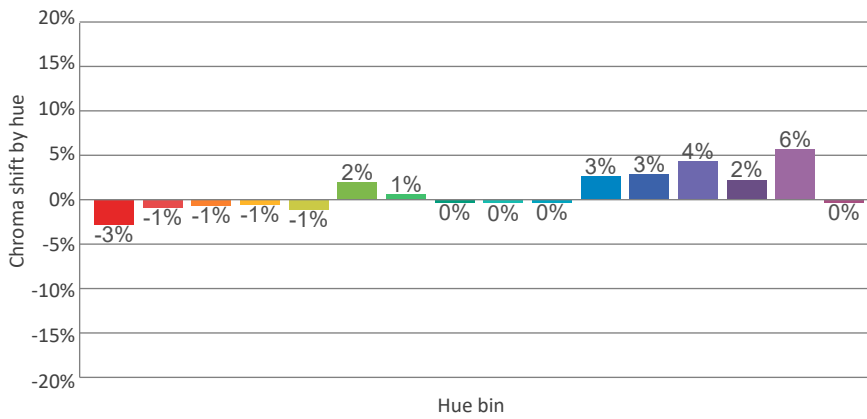
Rg 101,2

Gamut Index Rg

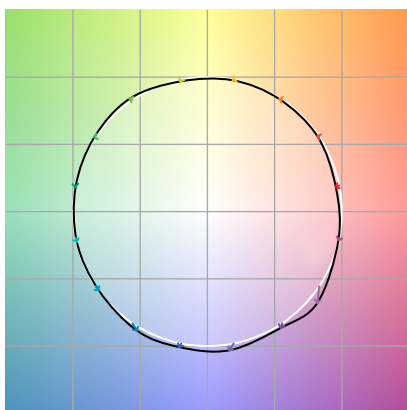


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

